MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JUNE, 1944

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

JUNE 1944

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	62.1	61.2	60.4	61.2	29.2	20.3	23.4	27.8	21.7	24.3
2	0.2	59.1	58.6	59.3	29.6	19.6	24.6	28.4	21.8	24.9
3	58.8	8.9	8.4	8.7	28.4	18.6	23.8	27.8	21.9	24.5
4	8.8	9.3	9.2	9.1	28.1	18.4	23.8	27.7	21.7	24.4
5	9.6	9.5	8.8	9.3	27.2	20.1	23.3	25.1	22.2	23.5
6	58.9	55.5	56.8	57.1	29.2	21.1	23.1	27.6	24.0	24.9
7	6.1	5.4	4.3	5.2	31.9	22.8	26.7	31.0	24.7	27.5
8	5.4	5.4	5.2	5.3	34.3	22.0	26.0	33.3	24.0	27.8
9	5.8	6.0	5.5	5.8	29.2	21.1	24.7	28.4	22.8	25.3
10	6.5	7.2	7.4	7.0	29.2	21.1	24.6	28.9	22.3	25.3
11	58.1	57.6	57.8	57.8	30.6	22.2	25.1	28.4	23.9	25.8
12	9.0	8.7	8.3	8.7	29.8	21.3	25.7	28.3	23.9	26.0
13	6.6	6.4	6.1	6.4	30.2	21.1	25.8	29.5	23.9	26.4
14	4.7	4.4	3.0	4.0	32.7	23.4	27.3	31.6	25.1	28.0
15	4.1	5.5	5.6	5.1	30.6	21.8	27.1	29.4	24.3	26.9
16	55.1	56.2	57.2	56.6	29.8	21.4	25.9	25.5	23.4	24.9
17	8.0	8.0	7.8	7.9	30.0	21.4	25.6	29.4	23.9	26.3
18	6.8	6.1	6.3	6.4	30.2	21.2	26.6	30.0	24.4	27.0
19	6.5	6.7	6.5	6.6	30.6	21.7	25.8	29.8	23.9	26.5
20	7.5	6.6	6.1	6.7	30.4	21.5	25.7	29.8	24.3	26.6
21	55.4	54.8	53.6	54.6	31.3	23.5	25.4	29.5	25.4	26.8
22	3.1	3.5	3.7	3.4	33.9	22.9	28.2	32.9	26.2	29.1
23	4.6	4.7	4.5	4.6	32.2	21.5	27.3	31.6	25.1	28.0
24	5.4	5.8	6.1	5.8	32.9	22.4	26.7	31.9	24.8	27.8
25	6.6	6.3	6.2	6.4	30.3	22.1	26.1	28.9	24.5	26.5
26	55.9	55.6	55.1	55.5	30.6	22.8	27.5	29.3	25.2	27.3
27	5.2	5.0	4.7	5.0	30.2	22.2	27.3	30.1	24.7	27.4
28	6.2	5.8	5.1	5.7	31.6	23.3	26.9	31.2	25.5	27.9
29	5.2	4.3	3.9	4.5	32.3	23.6	27.7	31.6	25.9	28.4
30	2.2	2.3	2.4	2.3	32.2	23.5	27.3	31.4	25.8	28.2
	56.61	56.39	56.15	56.40	30.62	21.66	25.83	29.53	24.04	26.47

Barometer, range for month 752.2 — 762.1 mm.
,, 62-yr. average for month 758.02 mm.
Thermometer, range for month 18.4° C — 34.3° C.
,, 62-yr. average for month 25.5° C.
Rain, total for month 0.0 mm.
,, , 62-yr. average for month 0.51 mm.
,, , total, from Sept. 1st. 813.31 mm.
62-yr. average, total from Sept. 1st. 883.92 mm.
* Summer time

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METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	14.2	16.8	15.6	15.5	67	60	81	69	12.7	600.0	
2	16.4	19.2	17.9	17.8	72	67	92	77	12.6	283.0	
3	16.7	17.9	16.6	17.1	75	64	85	75	12.8	414.0	
4	13.7	16.1	15.0	14.9	62	59	78	66	13.1	422.0	
5	15.1	16.8	17.1	16.3	71	71	86	76	12.4	100.0	
6	17.1	17.8	19.7	18.2	81	65	89	78	12.6	303.0	
7	18.3	19.7	19.2	19.1	70	59	82	70	12.0	299.0	
8	20.1	13.8	18.6	17.5	81	36	84	67	10.6	346.0	
9	16.7	17.2	16.4	16.8	72	60	80	71	11.7	422.0	
10	16.3	17.9	17.8	17.3	71	60	89	73	12.6	253.0	
11	17.7	21.7	18.8	19.4	75	76	85	79	12.5	340.0	
12	19.8	18.5	19.4	19.2	80	64	87	77	12.2	298.0	
13	18.2	19.6	19.8	19.2	73	63	90	75	13.1	132.0	
14	15.3	20.4	20.6	18.8	56	58	87	67	12.4	399.0	
15	17.6	19.0	19.3	18.6	66	62	85	71	12.2	478.0	
16	16.5	17.0	16.8	16.8	66	70	78	71	12.8	240.0	
17	15.6	17.9	18.5	17.3	63	59	84	69	13.0	266.0	
18	17.3	17.8	17.8	17.6	66	57	78	67	11.9	296.0	
19	18.2	19.3	18.4	18.6	73	61	84	73	13.1	211.0	
20	18.4	20.0	19.2	19.2	74	64	85	74	13.0	174.0	
21	19.3	19.0	18.5	18.9	80	62	76	73	13.1	241.0	
22	20.3	24.3	21.7	22.1	71	66	86	74	13.1	272.0	
23	19.3	20.3	20.6	20.1	71	58	87	72	13.1	267.0	
24	19.0	19.9	20.0	19.6	73	56	85	71	13.2	314.0	
25	18.1	19.1	18.7	18.6	71	64	82	72	13.2	159.0	
26	19.3	19.2	20.7	19.7	71	63	87	74	13.1	138.0	
27	19.9	18.4	17.9	18.7	74	58	77	70	10.3	306.0	
28	17.0	19.7	20.1	18.9	64	57	82	68	13.1	338.0	
29	19.2	20.7	20.2	20.0	69	59	82	70	13.0	668.0	
30	16.1	19.7	20.4	18.7	60	57	82	66	13.1	700.0	
	17.55	18.82	18.71	18.35	70.6	61.1	83.8	71.8	12.42	322.63	

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1ne	1ne	2ne	calm	
2	0	0	0	0.0	1ne	2ne	0	„	
3	0	0	0	0.0	1ne	2sw	0	„	
4	0	0	0	0.0	1sw	1sw	1sw	light	
5	0	0	0	0.0	1sw	1sw	0	calm	
6	0	0	0	0.0	1nw	1s	1s	calm	
7	0	0	0	0.0	1ne	0	0	„	
8	0	0	0	0.0	2sw	1sw	1sw	„	
9	9cu	3cu	5cu	5.7	2sw	3sw	0	light	
10	0	1cu	0	0.3	2sw	2sw	1sw	„	H. a.m.
11	0	0	0	0.0	1nw	2nw	0	light	
12	6cu	0	0	2.0	1ne	1ne	0	calm	
13	0	0	0	0.0	1sw	1sw	0	„	
14	0	0	0	0.0	1e	1ne	1ne	„	
15	0	1cu	0	0.3	4sw	3sw	1sw	light	
16	1cu	1cu	3cu	1.7	1sw	2nw	0	light	
17	0	1cu	1cu	0.7	1sw	2sw	1sw	calm	
18	0	4cu	8cu	4.0	2sw	2sw	1sw	„	
19	1cu	2cu	0	1.0	2sw	2sw	1sw	„	
20	1cu	0	0	0.3	1sw	1w	0	„	
21	0	0	0	0.0	1nw	1nw	1nw	calm	
22	1cu	0	0	0.3	1ne	1ne	0	„	
23	0	0	0	0.0	2sw	2sw	0	„	
24	0	0	0	0.0	1sw	2sw	0	„	
25	0	0	0	0.0	1w	1w	0	„	
26	0	0	0	0.0	0	1sw	0	calm	
27	1cu	10cu	0	3.7	2sw	1sw	0	„	
28	0	0	0	0.0	1sw	2sw	0	„	
29	0	1cu	0	0.3	2sw	2sw	1sw	„	
30	0	0	0	0.0	2sw	2sw	1sw	„	
				0.67					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	6	1	0	0	18	1	3	1	30
14:30	0	5	0	0	1	18	2	3	1	30
20:30	0	2	0	0	1	9	0	1	17	30
Totals	0	13	1	0	2	45	3	7	19	90

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 0.8 days